

WASHINGTON Post - Sunday, Sept. 28, 1969.

Up to \$28,000
to Conceive the Worldwide
Defense Communications System
of the Future

*
DCA System Engineering Facility in suburban Washington, D.C.—a new field activity of the Defense Communications Agency—will conceive the Defense Communications System designs of the future . . . 10 years from now, and beyond. We will start with today's system—Automatic Voice Network (AUTOVON), Automatic Digital Network (AUTODIN), Automatic Secure Voice Communications (AUTOSEVOCOM), etc.—and determine how it must transition to meet expanding future requirements.

We are seeking highly imaginative people to visualize the future system as contrasted to designers of hardware.

• **COMMUNICATIONS SYSTEMS ENGINEERS** with conceptual design experience related to analog and/or digital communications networks and equipments.

• **COMMUNICATIONS SWITCHING ENGINEERS and COMPUTER SYSTEM ENGINEERS** with conceptual design experience related to circuit and message switches or design of digital computer systems.

• **SUBSCRIBER TERMINAL ENGINEERS** with broad conceptual design experience related to analog and/or digital input/output equipments.

• **TRANSMISSION SYSTEM ENGINEERS** with conceptual design experience related to microwave, tropo, cable or satellite transmission networks. Design experience in multiplex or digital modulation/demodulation equipment is desirable.

• **SENIOR COMPUTER SYSTEM ANALYSTS** with experience in the design of realtime operating systems.

• **ENGINEERS or MATHEMATICIANS** experienced in the design of models to simulate the operation of complex communications networks and similar simulation problems of comparable complexity.

Applicants must have appropriate degree from an accredited college or university and/or professional experience which may be substituted for a degree . . . plus appropriate experience. Positions filled in accordance with U.S. Civil Service Commission qualification standards. Please send resume or SF-171 as soon as possible so we can arrange a technical staff interview. Contact F. K. Moore, Code 251, Defense Communications Agency, 8th & South Courthouse Road, Arlington, Virginia, 22204 . . . telephone OX 4-3577 or OX 4-3579, Area Code 202.

* The proposed site is RESTON, Va.

Plans for a 100,000 sq. ft. building have been submitted to Congress.

Reportedly,

Gulf Oil Corp. offered to lease abt \$2⁵⁰ per sq. ft.